

Fire protection features and systems must be inspected, tested, and maintained

By John Lippitt, Fire Safety Program Manager, jlippitt@commerce.state.wi.us, 608-266-1036

Inspection, testing, and maintenance activities concerning fire protection equipment and systems have taken on a higher priority in all public buildings and places of employment in Wisconsin.

Specifically, revisions to the state Commercial Building Code, Comm 50-64, which became effective April 1, 2000, now require that fire protection features and systems must be inspected, tested, and maintained as detailed in the applicable adopted NFPA standard.

The new rules include Comm 51.22(3) for portable fire extinguishers; Comm 51.21(8) for standpipe and hose systems; Comm 51.235(3) for alternate fire suppression systems; Comm 51.236(4) for manual-wet sprinkler systems; Comm 51.24(10) for fire alarm systems; and, Comm 51.245(3) for smoke detectors.

Existing code requirements of Comm 51.23(6) for automatic fire sprinkler systems were used as the model for the code revisions. Since 1994, Comm 51.23(6) has required that all sprinkler systems, new and existing, must be inspected, tested, and maintained as specified in NFPA 25.

While state code changes are typically not applied retroactively to existing buildings, in the case of inspection, testing, and maintenance the rules **do** apply to existing fire protection features and systems in all public buildings and places of employment.

"Fire protection features and systems must be inspected, tested, and maintained as detailed in the applicable adopted NFPA standard."

emergency; they are not used every day like other mechanical systems in a building. In fact, while many fire protection systems are on duty seven days a week, they may only be operated during the course of preventative maintenance procedures. To ensure

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Fire protection features are provided in case of

Wisconsin Building Codes Report

Safety and Buildings Division,
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Inspection, testing, and maintenance

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the systems operate as required during an actual emergency situation, minimal inspection, testing, and maintenance procedures must be followed by building owners.

For example, fire extinguishers must be located, inspected, tested, maintained, and replaced as required in NFPA 10. This also applies to all buildings in existence on the effective date of the code. NFPA 25 has now been adopted to apply to standpipe and hose systems, in addition to automatic fire sprinkler systems.

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For the first time, the code revisions include rules to regulate the installation, inspection, testing, and maintenance of alternate fire suppression systems. Ten NFPA standards were adopted in the building code to regulate these special hazards fire protection systems. The ten special hazards systems are: low-expansion foam; medium- and high-expansion foam; carbon dioxide; halon 1301; water spray fixed systems; foam-water sprinkler and foam-water spray; dry chemical; wet chemical; water mist; and, clean agent fire extinguishing systems.

The inspection, testing, and maintenance requirements of the ten NFPA standards listed in Comm 51.235 **do** apply to special hazards systems installed in existing buildings.

Direct comments, suggestions for articles, etc., to Todd Taylor. Fax 608-264-8795.
Telephone 608-267-3606.
ttaylor@commerce.state.wi.us/
Madison mailing address above.

S&B WebSite <http://www.commerce.state.wi.us/SB/SB-HomePage.html>

Safety and Buildings-related codes are on the Internet
<http://www.legis.state.wi.us/rsb/code/comm>

State administrative codes and the code update service may be purchased by contacting state Document Sales, 608-266-3358, or 800-362-7253, for credit card purchases. ♦ ♦ ♦ ♦ ♦ ♦

A manual-wet sprinkler system must be inspected, tested, and maintained as required in NFPA 25 for an automatic fire sprinkler system, with the exception of the main drain test. The main drain test is not required, as the manual-wet sprinkler system is supplied by the fire department connection in place of a water service.

All fire alarm systems and smoke detectors must be inspected, tested and maintained as specified in NFPA 72. This **does** apply to existing buildings.

The folks at NFPA recognize the importance of keeping up existing systems and, over the course of the past few years, have revised the standards to reflect this understanding. For example, the 1999 edition of NFPA 72:7-1.1.4, specifies requirements for inspection, testing, and maintenance shall apply to new and existing systems. The standard details what is required for the system components, the frequency, and when the activity must be performed. To clarify that the rules in NFPA 72 apply in Wisconsin, there is language in Comm 51.245(3)(f) which specifies the rules apply to all buildings in existence on the effective date of the code. This should help make it clear to the building owner and the fire code official these rules are applied retroactively to existing buildings.

Fire inspectors now have the necessary tools, through the state codes, to require installed fire safety features and systems to be maintained in an operable condition as specified in a national standard. Through Comm 14.35 and Comm 14.42, the fire code official has rules to show the building owner that the systems must be maintained and records of those activities must be provided upon request.

To successfully implement these new requirements, it may take some extra time from the code official to



explain the new regulations to building owners while conducting routine fire prevention inspections. Remember, these rules are also new for the building owner. I suggest fire inspectors make a copy of the code sections referenced above to show the requirements in writing to the building owner or occupant.

The revised Commercial Building Code, Comm 50-64, is available free on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CodesListing2000.html>. The state Document Sales unit sells codes, 608-266-3358. Fire departments may

request a paper copy of the code by submitting a Fire Safety Program Supplies Form to S&B, which is also available on the WebSite, <http://www.commerce.state.wi.us/SB/SB-Forms.html>.

Questions concerning the information in this article may be directed to one of the Fire Safety Consultants listed on page 15 of this *WBCR*.

Events Calendar

Contact the listed Code Consultant for information on the meetings agenda, locations, etc. If you have questions concerning technicalities of the codes which are the subjects of the meetings, contact consultants and reviewers listed on pages 14 and 15 of this *WBCR*.

July 13, 2000, Thursday, **Commercial Building Code Council**, 9 a.m.- 3 p.m., tentative location, UW-Madison Agricultural Research Station, 8502 Mineral Point Rd., Verona, Sam Rockweiler, srockweiler@commerce.state.wi.us, 608-266-0797

July 13, 2000, Thursday, **Fire Safety Code Council**, 9 a.m.- 2 p.m., tentative location, Thompson Commerce Center, 1st Floor Conference Rm., 201 W Washington Ave., Madison, Duane Hubeler, dhubeler@commerce.state.wi.us, 608-266-1390.

Bed and Breakfast law change focuses on codes applicable to additions

by Laurence J. Swaziek, S&B UDC Program Manager, lswaziek@commerce.state.wi.us, 608-267-7701

The statutory definition of a “bed and breakfast establishment” (under which B&Bs are exempt from commercial building code requirements) changed with the passage of 1999 Wisconsin Act 135, effective May 24, 2000. The change was important in allowing additions to B&B establishments after May 11, 1990 under the B&B licensing definition administered by the Department of Health and Family Services.

In addition to the change in statutory definition of B&Bs, there were statutory changes reflecting on Department of Commerce building code sections.

Let me describe the current situation with how the statutes affect the Commercial Building and Uniform Dwelling Codes.

The use of the building will determine which construction, energy, and HVAC standards the building will need to comply with.

♦ If a building is used as a place of lodging and complies with ALL of the requirements set forth in s. 254.64 (1)(a) thru (e) and has no additions or renovations outside the original building dimensions after May 11, 1990, the following would apply:

1. The building would be exempt from the Commercial Building Code.
2. Only the third floor level of the building, if used for other than storage, would have to comply with the code requirements set forth in the Uniform Dwelling Code.

♦ If a building is used as a place of lodging, is more than 50 years old at the time the B&B license is applied for, and complies with ALL of the requirements set forth in s. 254.64 (1)(a) thru (e) and has an addition put on after May 11, 1990, the following would apply:

1. The building would be exempt from the Commercial Building Code.
2. The third floor level of the building, if used for other than storage, would have to comply with the code requirements set forth in the UDC.
3. The addition would have to comply with the

code requirements set forth in the UDC.

♦ If a building is used as a place of lodging and it does not comply with s. 254.64(1) in its entirety, the building will be classified a “commercial building” and will be required to meet the requirements set forth in Comm 50-64 and 69 as a transient residential occupancy (hotel/motel)..

Please note that you may see some places of lodging that call themselves a “Bed and Breakfast” that do not meet the statutory definition of “Bed and Breakfast.” Such establishments may actually be licensed as a hotel/motel/restaurant. In that case, that building would have to comply with the applicable Commercial Building Code requirements.

The new language, in summary, is as follows (underlined part is newly added language and strikethrough is deleted language):

Wis. Stats. s. 254.61 Definitions.

“Bed and breakfast establishment” means any place of lodging that: (a) Provides 8 or fewer rooms for rent to no more than a total of 20 tourists or transients; (b) Provides no meals other than breakfast and provides the breakfast only to renters of the place; (c) Is the owner’s personal residence; (d) Is occupied by the owner at the time of rental; (e) Was originally built and occupied as a single-family residence, or, prior to use as a place of lodging, was converted to use and occupied as a single family residence; and (f) Has had completed, before May 11, 1990, any structural additions to the dimensions of the original structure, including by renovation, except that a this limit does not apply to any of the following:

1. A structural addition, including a renovation, made to a structure after May 11, 1990, within the dimensions of the original structure.
2. A structural addition, made to a structure that was originally constructed at least 50 years before an initial or renewal application for a permit under s. 254.64 (1) (b) is made and for which no use other

Adjustment in policy on use of winders in the one- and two-family dwellings

Currently, the Wisconsin Uniform Dwelling Code Commentary, 1999 Edition, specifies there must be a minimum of two winder treads in a winder stair. After further review and consideration, the department has decided that the commentary language does not reflect the code language and that the past policy of requiring a minimum of two winder steps adjacent to each other is not appropriate. The rules of construction of code language and statutes provide that singular and plural versions of the words “stair/stairs” have the same meaning. Single winder steps will be permitted.

Question: *What is the minimum number of treads and risers in a winder stair and how do you determine tread uniformity in a winder stair that has various width treads?*

Old Answer: The minimum number of treads is two since the code says “winders.” Although the individual treads may vary in shape or width, they should all have a consistent dimension when measured 12 inches from the narrow end perpendicular to the nosing.

New Answer: Any number of winder treads may be used. Although individual winder treads may vary in shape or width, adjacent winder treads must have a consistent width dimension when measured 12 inches from the narrow end of the winder tread.

For more information, contact Laurence Swaziek, S&B One- and Two-Family Program Manager, 608-267-7701, lswaziek@commerce.state.wi.us.

than as a bed and breakfast establishment is proposed. The structural addition under this subdivision shall comply with the rules under s. 101.63 (1) and (1m).

In addition to the change in the statutory definition of “bed and breakfast establishments” there were statutory language changes in a couple of other sections. These, in summary, are (underlined part is newly added language and strikethrough is deleted language):”

Exempt buildings and projects. (Commercial Code)

(2) A bed and breakfast establishment, as defined under s. 254.61 (1), is not subject to ~~rules on residential occupancy or to other building codes adopted by the department under this subchapter, except that the uniform dwelling code adopted in rules promulgated under s. 101.63 (1) applies to the 3rd floor level of a bed and breakfast establishment that uses, other than as storage, the 3rd floor level of the bed and breakfast establishment structure.~~

101.63 Departmental duties. (One- and 2-family dwelling code) The department shall:

(1) Adopt rules which establish standards for the

construction and inspection of one- and 2-family dwellings and components thereof. Where feasible, the standards used shall be those nationally recognized and shall apply to the dwelling and to its electrical, heating, ventilating, air conditioning and other systems, including plumbing, as defined in s. 145.01(10). No set of rules may be adopted which has not taken into account the conservation of energy in construction and maintenance of dwellings and the costs of specific code provisions to home buyers in relationship to the benefits derived from the provisions. Rules promulgated under this subsection do not apply to a bed and breakfast establishment, as defined under s. 254.61 (1), except that the rules apply to all of the following:

(a) The third floor level of a bed and breakfast establishment that uses that level other than as storage.

(b) A structural addition that is specified under s. 254.61 (1) (f) 2.

(1m) Adopt a rule which requires any one- and 2-family dwelling which uses electricity for space heating to be super insulated. A rule promulgated under this subsection does not apply to a bed and breakfast establishment, as defined under s. 254.61 (1), except as specified under sub. (1) (a) and (b).

NASFM suggests local officials review high-density polyethylene and other plastic pallets in general storage

By John Lippitt, Fire Safety Program Manager, jlippitt@commerce.state.wi.us, 608-266-1036

The National Association of State Fire Marshals (NASFM) urges code enforcement officials to check where plastic pallets may be used in “big box” retail/warehouse occupancies to evaluate whether the design and operation of sprinkler systems may be compromised.

Potential problem

Industry sources report that as many as 48 million plastic pallets are now in circulation, slowly replacing wooden pallets, especially in automated materials handling facilities. Pallet producers indicate some of the products are made of polyolefin plastics such as high-density polyethylene and polypropylene materials. The pallet materials present a potential high challenge in terms of fuel load in a building.

Pallets and items stored on pallets can increase the fuel load in any occupancy, regardless of what materials the pallets or stored items are made of. Fire code officials need to be aware of this hazard when conducting fire prevention inspections.

Code requirements

The following applies to a sprinkler system designed under the current standards of NFPA 13 in buildings where the ceiling slope does not exceed 2 in 12. Specifically, NFPA 13:7-5.3, requires plastic pallets to be stored outside or in a detached structure, and lists exceptions whereby they shall be permitted indoors. NFPA 13 permits the indoor storage of such pallets if fire protection measures are significantly upgraded, and also provides an exception for pallets that present a hazard “equal to

or less than that presented by idle wood pallets” (which is identified by listing and labeling according to Underwriters Laboratory standard UL 2335).

Designers of sprinkler systems need to know if the building owner plans to use plastic pallets in their building. NFPA 13:2-2.2 increases the commodity classification up one classification where plastic

pallets are used. This requirement has an effect on the design of the sprinkler system. The simple action of changing from wooden pallets to plastic pallets could result in an under-designed sprinkler system. This simple action could result in a violation of the code.

Language covering the storage of idle pallets is in the Commerce rules by the adoption of NFPA 13 for sprinklered buildings. Comm 14.21, regarding the handling and storage of combustible materials, does apply to the storage of idle pallets, in both sprinklered and unsprinklered buildings.



It is important to remember, except for Comm 14.21; the rules mentioned in this article are not applied to buildings in Wisconsin existing prior to December 1974, when Wisconsin adopted NFPA 13. However, regardless of construction dates, we should be concerned with pallet storage because of the fuel load challenge. Technological changes in terms of pallet materials and storage systems can involve buildings of varying ages. Owners and occupants should be aware of potential problems with fuel load and can be encouraged to consider their situations.

For more information on the pallet question nationally, visit the NASFM website, www.firemarshals.org.

“However, regardless of construction dates, we should be concerned with pallet storage because of the fuel load challenge.”

There is a new option in lieu of plan review for some smaller buildings

by Randy Baldwin, Integrated Services Bureau Director

Revisions to Comm 50.12(1t), expected to go into effect this fall, will allow an owner a new option for registration of a project for a building containing 25,000 to less than 50,000 cubic feet total volume, and occupied as a storage garage, greenhouse, mini-storage, or any other use under Comm 54.

Previous to the change, design and submittal by a registered professional was not necessary, but plan review submittal was mandated. With the change, a plan review submittal will not be necessary if a registered professional is used. There will be a "registration."

Regular plan submittal option : Submit plans for review following normal procedures for all other buildings. The applicable code sections are Comm 50.12(1)(b) to (f)1,(g), and (h). (Note that plans for buildings under 50,000 cubic feet total volume range normally may be prepared and submitted by persons who are not registered professionals.)



Registration option: Fulfill these four points:

- Have plans prepared by a registered engineer or architect (or HVAC designer or lighting designer for those specific components of the building). See Comm 50.07(2) or 50.08 for specific designer registration requirements.
- Register the project with Safety and Buildings. (No plan review!)
- Have periodic onsite visits by a registered professional in accordance with Comm 50.10.
- Have the registered professional submit a satisfactory compliance statement to S&B.

Note that local municipalities may require plans be submitted to them for review

For more information, contact one of the building plan reviewers listed on page 15 of this *WBCR*.

S&B Bureau of Integrated Services Management Contacts

Bureau Director: Randy Baldwin, 608-267-9152
Green Bay Office: Brad Johnson, 920-492-5605
Hayward Office: John Spalding, 608-789-4693
La Crosse Office: John Spalding, 608-789-4693
Madison Office:
 Clyde Bryant 608-266-1835
 Mary Jacobson 608-266-8456
 Jim Miller 608-266-8072
 Credentialing Unit Supervisor, Terry Gudmandsen: 608-261-6554
 Mobile Home Unit Super., Malini Ganeshapillai, 608-266-5333
Shawano Office: Brad Johnson, 715-524-6853
Waukesha Office: Tony Rubio, 262-548-8610

Questions about your continuing education credits?

Check the mailing address back page for a printed line giving your status for inspection-related S&B certifications, licenses, and registrations.

Or, call the Credentialing Unit, 608-261-8500, or check the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-HomePage.html>, choose "Credentials."

There are variations among building plan review services offered by municipalities and S&B

Upcoming revisions to the Commercial Building Code (along with a number of other related codes) are a good reason to review the options for submitting building plans for review. (Plan submittal requirements under state administrative rules are not to be confused with local requirements for submitting documents to obtain local permits, which may include submitting plans.)

The revisions in the so-called “Submittal Package,” expected to be implemented September 1, 2000, were described in depth in the May *WBCR*. The draft language is on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-RuleChanges.html#8>.

Submittal to the Safety and Buildings

Division: All plans for commercial building projects, except where the building is exempt (see Comm 50.04), or the submission of plans is not required (Comm 50.12). S&B plan submittal forms are on the WebSite, <http://www.commerce.state.wi.us/SB/SB-Forms.html>.

To First Class Cities (Milwaukee): All plans for commercial building projects which require review as outlined above and are within the City of Milwaukee (except for state-owned buildings), must be submitted to the city Development Center, 414-286-8211.

To Second Class Cities: Subject to meeting certain criteria and having approval from S&B, second class cities may choose several options for projects within their municipality.

Option 1. Expanded plan review delegation - Offer the customer a choice of submitting plans to the city or to S&B for any project within city boundaries that requires review, except state-owned buildings. *This is a new option.*

Option 2. May become a certified municipality. See above right.

To Certified Municipalities (Certified municipalities are listed in the *WBCR* each month, and listed on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CertifiedMunicipalities.html>): Subject to meeting certain criteria and approval by S&B, any municipality, including towns, villages, cities, and counties, may choose to offer the customer a choice of submitting plans to the city or to S&B for certain projects within the municipality. The building size requirement limits for this process are:

- New buildings containing less than 50,000 cubic feet in **total** volume.
- Additions to a building where the addition results in the entire building containing less than 50,000 cubic feet of **total** volume.
- When the building is over 50,000 cubic feet in **total** volume, and the project in question is an addition containing no more than 2500 square feet of total floor area, and no more than one floor level, and largest roof span does not exceed 18 feet, and exterior wall height does not exceed 12 feet. *This is a new option.*
- An alteration of a space involving less than 100,000 cubic feet of **total** volume.

To Appointed Agents (Check with local officials to determine special municipal responsibilities.)

Subject to meeting certain criteria and approval by S&B, any municipality, including those choosing any delegation above, may decide to provide other service options not outlined above.

Potential examples are:

- Review of only certain occupancies.
- Review of portions of a project, such as erosion control, fire sprinkler systems, or structural.
- Review of projects located outside of the municipality’s boundaries.
- Review of projects which are above the size limits specified for certified municipalities.

For more information, contact one of the building plan reviewers listed on page 15 of this *WBCR*.

2000 Fire Department Dues Distribution

The computations for the year 2000 fire department dues distribution were completed and S&B certified the results by the May 1 deadline, as required by law. Letters to municipal clerks notifying them of the amount they were to receive from Commerce were mailed in early June. The fire dues checks were mailed to the municipalities in the last week of June.

The fire dues distribution comes from monies collected by companies for fire insurance policies issued in Wisconsin.

The net amount available for distribution is \$8,224,857, which is \$49,157 more than last year. Regarding calendar year 1999, based upon the self-certification audit process, 172 municipalities out of 1850 were in noncompliance. These 172 municipalities received a Notice of Noncompliance from S&B. Additionally, 42 of the 172 municipalities are not entitled to receive fire dues. These

Advice of a Veteran Code Official

- ☐ Contact contractors to identify possible misunderstandings when an inspection has failed several times for the same reason.
- ☐ Write complete lists of violations or requirements as much as possible, so new items do not need to be added in follow-ups.
- ☐ Disengage yourself if a situation gets hostile. Your health and safety come first.
- ☐ Try one of the automated systems available on the market to provide quick documentation of inspection requests, 24-hour request availability, and 24-hour availability of inspection results. The systems can also produce useful quality control reports related to plan review and inspection processes and management.
- ☐ Allow more flexibility for those people who need earlier or later inspections for legitimate reasons, within the limitations of municipal work rules. If the work rules get in the way, discuss the rules with municipal leaders.

municipalities will not be receiving a fire dues payment in 2000.

Beginning in April 2000, the S&B Fire Safety Consultants have been performing onsite audits of fire departments within their assigned districts. It is our goal to perform an onsite audit of every fire department in a three-year cycle.

For detailed information regarding the fire department dues process, please see the Wisconsin Fire Department Dues Fund Guide, which was mailed to each Wisconsin fire department and municipal clerk in May of 1999. Questions may be directed to the Fire Safety Consultants listed on page 15 of this *WBCR*.

Material Approvals

Per Comm 10.125, Comm 20.18, and Comm 50.19, the following have been issued material approvals in May, 2000. The approvals are valid for five years. Copies of the full approvals are available from the Safety and Buildings Division Integrated Services Bureau, PO Box 2658, Madison, WI 53701-2658.

Aluminum Frame Patio Enclosure, 990019-O
(Replaces 930006-O)
Temo Sunrooms, Inc.
20400 Hall Rd.
Clinton Township, MI 48038

Cooler and Freezer Panels, 200035-I
(Replaces 940059-I) (Revised)
Kysor Panel Systems
4201 Janada St.
Fort Worth, TX 761177

Smoke Containment System, 200036-O
(Replaces 9400049-O)
Smoke Guard System
11420 Executive Drive
Boise, ID 83713

Enercept Building Systems, 200041-I
(Replaces 940039-I)
Enercept Building Systems
3100 Ninth Ave. S.E.
Watertown, SD 57201

With help of fire depts and municipalities, S&B developing fire safety plan review system

With the help of municipal and fire department partners, the Safety and Buildings Division is developing the processes and standards for fire safety plan review, which is expected to begin this winter.

Two engineers have been hired to do the plan review. However, first they will work on specifying draft standards for the review. There will be a survey to contact municipalities and fire departments which currently review fire safety plans, because the catalogued review standards will also be used by local S&B agents who choose to provide fire safety plan review services in their jurisdictions.

The draft standards developed will be submitted to an as-yet-to-be-formed advisory group for consideration. The advisory group will include interested municipal and fire department officials. Parties interested in being part of the advisory group are encouraged to contact Clyde Bryant, Bureau of

Integrated Services Fire Safety Section Chief, 608-266-1835, cbryant@commerce.state.wi.us.

The types of buildings that have been chosen for the initial implementation of the plan review services are: hotels and motels, community based residential facilities with the scope of Comm 57, detention facilities, K-12 schools, and atriums in any type occupancy. The fire safety plan review will only involve projects for which building plan review is required.

Fire prevention, detection, and suppression systems or features that will be reviewed are: fire alarm systems, automatic fire sprinkler systems, alternate fire sprinkler systems, manual-wet sprinkler systems, standpipe and hose systems, portable fire extinguishers, atrium smoke control systems, spray booths, and flammable and combustible liquids storage rooms.

Employment Opportunity: Boiler Safety Inspector 3, Madison

Department of Commerce; Division of Safety and Buildings ; Bureau of Field Operations. **Salary:** Start at \$34,207 per year plus excellent benefits. **Job Duties:** Perform inspections of boilers, pressure vessels, power piping, refrigeration systems, petroleum storage systems (LPG, CNG, LNG) to assure compliance with the Wisconsin Boiler and Pressure Vessel Code; enforce code rules and orders such as changes and repairs that will place vessels in safe working condition; provide inspection service at plant locations during the construction of boilers and pressure vessels. **Well-qualified applicants** will have experience installing, constructing, or maintaining power boiler systems, operating electrical generation, central heating or power station boilers in an industrial or manufacturing complex; performing welded repairs of boilers. **Knowledge and skill required:** Boilermaker and repairing techniques; boiler operations; provisions of the Wisconsin Boiler and Pressure Code; American Society of Mechanical Engineers Code, addenda, and related cases; steam power plant operations. **Special Requirement:** The person hired will be expected to pass a National Board of Boiler and Pressure Vessel Inspectors examination within the twelve month probationary period. Extensive travel is required. A valid Wisconsin driver's license is required. This position requires the ability to bend, stoop, twist and climb to perform inspections. **Application Information:** Apply with the Application for State Employment form (DER-MRS-38), a current resume, and a description of your qualifications and experience in the following areas as they relate to boilers and related equipment: 1) installation or construction; 2) operation; 3) welding repair or replacement of pipe components; 4) electrical repairs involving low voltage controls; 5) maintenance and inspection. Indicate the length of time you performed these functions. Send application materials to: Dale Bartz; Bureau of Human Resources; 201 West Washington Avenue, PO Box 7970; Madison, WI 53707-7970. Fax 608-266-0182. Telephone 608-266-0366. Completed application materials will be accepted until the needs of the division are met. A first review of materials is planned for the week of July 19, 2000.

Fee increases for some S&B plan review, inspection, and credential services.

The last previous fee increase was in 1992.

The Department of Commerce has officially adopted proposed revisions to Comm 2, Fees, Comm 5, Licenses, Certifications, and Registrations, Comm 45, Mechanical Refrigeration, Conun 82, Plumbing, and Comm 84, Plumbing Products.

The code change package was extensively described in the December 1999 *Wisconsin Building Codes Report* and the January 2000 *Wisconsin Plumbing codes Report*. The final draft code language is available at the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-RuleChanges.html>

Plan review services affected include those for buildings, elevators, gas systems, and plumbing. Inspection services affected include those for buildings, elevators, boilers, mechanical refrigeration, amusement rides, and ski lifts. Certifications involved are those for electricians. Licenses involved are those for blasters.

New forms, with the revised fees, will be made available in August at the S&B offices, by mail, or on the WebSite, <http://www.commerce.state.wi.us/SB/SB-Forms.html>.

Department of Commerce Fax Request Hotline

Information faxed to you 24 hours a day - Call 608-264-6154

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817 COMMERCE/DVR Job Creation Program
818 Recycling Early Planning Grant Program
819 Recycling Loan Program
820 Dairy 2020 Planning Grant Program
821 State of Wisconsin Investment Board (SWIB)
822 RED-Micro Loan (RML) Program
823 Recycling Market Development Education Grant

824 Recycling Performance-Based Rebate Program
825 ISO 14000 Training Program
826 WI ACE-NET Program

Technical Assistance for Businesses

901 Area Development Managers
902 Manufacturing Assessment Center
903 Small Business Assistance Office
904 Small Business Clean Air Assistance Center
Electroplating Industry
905 Small Business Ombudsman
Cleaning
906 Permit Information Center
907 Women's Business Services Program
908 International Services.
909 International Outreach Consultants - Map
910 Minority Business Certification
911 Technology Clearinghouse
912 Dairy 2020 Initiative
913 SBIR Program
914 Facts about Aerospace Manufacturing and Rework Industry MAC
915 Facts about Wood Furniture Coating RACT

916 Facts about Industrial Adhesives RACT
917 Facts about Air Pollution Control Construction Permits
918 Clean Air Compliance Consultant List
919 Facts about MACT Standards for Chromium

920 Facts about WI Air Pollution Std. In Solvent Metal

921 MACT Std. for Halogenated Solvent Cleaning Machines
922 Facts about Lithographic Printing RACT
923 Starting an Import/Export Business
924 -
925 General Environmental Information
926 Recycling Technical Assistance
927 Free Legal Counselling for Small Business
928 WiSCon Safety consultation Program
929 Self Assessment Guide for Manufacturers
930 Wisconsin Small Business Development Centers

Financial and Technical Assistance Available to Communities

951 CDBG Public Facilities Program
952 CDBG Emergency Component
953 CDBG Public Facilities for Economic Development Program
954 Community-Based Economic Development Program
955 Minority Business Revolving Loan Development Program
956 Child Care Development Early Planning Grant (CEPG)
957 Development Zone Program
958 CDBG-Technical Assistance Program
959 Main Street Program

960 Physician and Health Care Provider Loan Assistance Program
961 Revolving Loan Fund Technical Assistance Programs
962 Relocation Assistance Program for Public Projects
963 CDBG Revolving Loan Funds Program
964 Business Retention/Expansion Survey Program
965 Commerce Brownfield Programs
966 Registering Non-profit Corporations/organizations

CERTIFIED MUNICIPALITIES

Per ILHR 50.21, the following municipalities are certified to review plans for new buildings containing less than 5,000 sq. ft. total area; additions to existing buildings where the total area after construction of the addition is less than 5,000 sq.ft.; and alterations to existing building where the area of altered space is less than 10,000 sq. ft. If your project is located in a listed municipality, and meets the size criteria, contact the municipality for plan review. For information regarding the current status of a municipality, call 608-267-7586, or check the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CertifiedMunicipalities.html>.

<u>Counties</u>	Ephraim	Marshfield	Paddock Lake	Superior
Eau Claire	Fall Creek	Mequon	Pleasant Prairie	Sussex
	Fitchburg	Middleton	Plover	Twin Lakes
<u>Cities and Villages</u>	Fond du Lac	Milwaukee*	Port Edwards	Walworth
Altoona	Fontana	Monroe	Poynette	Waterford
Antigo	Fort Atkinson	Muskego	Racine	Waukesha
Augusta	Franklin	New Berlin	Rhineland	Waunakee
Beloit	Fredonia	New Richmond	Ripon	Waupun
Berlin	Glendale	N. Fond du Lac	Seymour	Wausau
Big Bend	Grafton	Oak Creek	Sheboygan	Wauwatosa
Black River Falls	Green Bay	Oconomowoc	Silver Lake	West Allis
Brookfield	Greenfield	Osceola	Stevens Point	West Bend
Brownsville	Hartland	Oshkosh	Sturgeon Bay	West Milwaukee
Burlington	Hortonville	Osseo	Sun Prairie	Weyauwega
Cedarburg	Howard			Whitefish Bay
Cudahy	Janesville*	*Municipalities marked with an* are authorized to review plans without limit on size of building or project.		Wis. Rapids
Delafield	Jackson			
Dousman	Johnson Creek	<u>Towns (County)</u>	Eagle (Waukesha)	
Dresser	Kaukauna	Berry (Dane)	Farmington (Polk)	
East Troy	Kenosha	Bloomfield (Walworth)	Geneva (Walworth)	
Eau Claire	La Crosse	Blooming Grove (Dane)	Grand Chute (Outagamie)	
Elkhorn	Lake Geneva	Bristol (Kenosha)	Grand Rapids (Wood)	
Elm Grove	Madison*	Cottage Grove (Dane)	Hull (Portage)	
		Delavan (Walworth)	LaGrange (Walworth)	

There is also a group of municipalities having inspection authority for commercial and multifamily buildings, but which do not have plan review authority. (The Safety and Buildings Division does the plan review.)

Inspections Only

Village of Belgium (Ozaukee)	Village of Oregon (Dane)
Village of Cambridge (Dane)	Town of Pleasant Springs (Dane)
Town of Cedarburg (Ozaukee)	Town of Rochester (Racine)
Town of Fond du Lac (FdL)	Village of Rochester (Racine)
Town of Lyons (Walworth)	City of So. Milwaukee (Milwaukee)
Town of Madison (Dane)	City of Sparta (Monroe)
Town of Oakland (Jefferson)	Village of Sturtevant (Racine)
	Town of Summit (Waukesha)
	Village of Thiensville (Ozaukee)

Eagle (Waukesha)
 Farmington (Polk)
 Geneva (Walworth)
 Grand Chute (Outagamie)
 Grand Rapids (Wood)
 Hull (Portage)
 LaGrange (Walworth)
 Linn (Walworth)
 Mukwonago (Wauke.)
 Norway (Racine)
 Ottawa (Waukesha)
 Plover (Portage)
 Raymond (Racine)
 Saukville (Ozaukee)
 Seymour (Eau Claire)
 Somers (Kenosha)
 Springdale (Dane)
 Sugar Creek (Walworth)
 Theresa (Dodge)
 Walworth (Walworth)
 Waterford (Racine)
 Waukesha (Waukesha)
 Wheatland (Kenosha)
 Windsor (Dane)

Safety and Buildings Offices

(Maps of S&B office locations are available on the WebSite at <http://www.commerce.state.wi.us/SB/SB-Offices.html>)

Green Bay Office

2331 San Luis Pl #150
Green Bay WI 54304
920-492-5601
Fax 920-492-5604
greenbaysch@commerce.state.wi.us

Hayward Office

10541N Ranch Rd
Hayward WI 54843
715-634-4870
Fax 715-634-5150
haywardsch@commerce.state.wi.us

La Crosse Office

4003 North Kinney
Coulee Road
La Crosse WI 54603
608-785-9334
Fax 608-785-9330
lacrossesch@commerce.state.wi.us

Madison Office

201 W Washington Ave
PO 2658
Madison WI 53701
608-266-3151
Fax 877-840-9172
madisonsch@commerce.state.wi.us

Shawano Office

1340 E Green Bay St #300
Shawano WI 54166
715-524-3626
Fax 715-524-3633
shawanosch@commerce.state.wi.us

Waukesha Office

401 Pilot Ct # C
Waukesha WI 53188
262-548-8600
Fax 262-548-8614
waukeshasch@commerce.state.wi.us

Plumbing Consultants

Tim JoyceMadison 608-825-4724
Don OremusPelican Lake 715-487-6123
Jim WehingerFriendship 608-339-7430
Jim ZickertEldorado 920-872-2656
Tom Bembmister, Superv. Chippewa Falls 715-726-4520

Plan Review Scheduling

For plan review scheduling for Plumbing and Buildings, call the S&B office numbers listed above, or contact the email address shown. Fax scheduling is possible, 877-840-9172.

Information about the project will be needed to schedule the plan review. Any of the offices can schedule the first appropriate plan review available statewide.

Plan review for Private Onsite Wastewater Treatment Systems is provided on a first-come, first-served basis. Contact one of the offices.

For scheduling info, also see <http://www.commerce.state.wi.us/SB/SB-DailyDoc.html>.

Specialty Telephone Contacts

Barrier Free AccessDonna Stilen262-548-8609
Codes Sales800-362-7253
Credentialing608-261-8500
ElevatorsBrian Rausch262-521-5444
Heating and Ventilation ..Randy Dahmen608-266-3162
Historic BuildingsDuane Peterson715-524-6852
Hospitals & Nursing Homes, DHFS608-266-3878
Industrial HygienistsRichard Brandt262-521-5187
Tom Pritchett608-592-3974
LightingRandy Dahmen608-266-3162
Manufactured Dwellings Gary Ekes608-355-0108
Mobile/Manufactured Homes608-266-8577
Plan Review StatusS&B offices listed on this page
RefrigerationMike Verhagen262-548-8617
Soil Erosion ControlMary Jo Webster ..608-266-2128
Structural Steel Welding .Mike Verhagen262-548-8617
TrainingTom Kasper608-267-7586
Uniform Dwelling Code ...Leroy Stublaski608-267-5113
Rental Weatherization...Delores Kolosovsky 608-267-2240
Teletypewriter (TTY)608-264-8777

Boiler Inspectors

Duane Leetch Cornell 715-239-6009
James Markiewicz Appleton 920-832-5287
Rick Merkle Kenosha 262-653-6880
Steve Seibel Fond Du Lac 920-929-7513
Dean Yourchuck, Jr Muscoda 608-929-4578
Terry Waldbillig Waukesha 262-521-5066
Harold Stanlick, Superv. Waukesha 262-521-5065

POWTS Plan Reviewers

Tom Derveraux Hayward 715-634-3026
Wes Grube Green Bay 920-492-5613
Robert Kanter Madison 608-261-7735
Julia Lewis-Osborn Waukesha 262-548-8638
Pete Pagel Madison 608-266-2889
Jim Quinlan Madison 608-266-3937
Pat Shandorf Hayward 715-634-7810
Jerry Swim La Crosse 608-785-9348
Keith Wilkinson Shawano 715-524-3630

POWTS Wastewater Specialists

Ross Fugill Shawano 715-524-3629
Matthew Janzen Stevens Point 715-345-5336
Leroy Jansky Chippewa Falls 715-726-2544
Carl Lippert Hayward 715-634-3484
Karl Schultz Oshkosh 920-424-3311
Dennis Sorenson La Crosse 608-785-9336
Duane Steiner West Baraboo 608-355-3159
Allen Wendorf Madison 608-873-5476
Harold Stanlick, Superv. Waukesha 262-521-5065

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Sample S&B email address:
samacher@commerce.state.wi.us

Public Sector Occupational Safety Inspectors

Scott Amacher Cameron 715-458-4872
Terrence Clark Stevens Point 715-345-5342
Tomothy Condon Waukesha 262-521-5189
Manuel Juarez, Jr. Orfordville 608-879-2764
Vernon Lemke Green Bay 920-492-5615
Shirley Noltemeyer Waunakee 608-849-9862

Elevator Inspectors

David Holmes Eau Claire 715-836-7268
Kenton Johnson Mount Horeb 608-437-4093
Jim Kreuzer Tomah 608-374-2430
Timothy Marty Appleton 920-832-5290
George Poblocki Amherst 715-345-5277
Roger Robbins De Pere 920-336-0719
Jerry Rowell Argyle 608-543-3414
Ted Stinson Waukesha 262-521-5065
Bernard Zalewski Lac du Flambeau 715-588-2279
Frank Wozniak Waukesha 262-521-5065
Tom Bembmister, Superv. Chippewa Falls 715-726-4520

Fire Safety Consultants

John Andersen Chippewa Falls 715-726-2556
Dave Bruflat Hayward 715-634-6739
Lyle Smith Waukesha 262-548-8621
Robert Kiser Appleton 920-954-1451
Terry Nolen Verona 608-845-5375
Dan Graham, Superv. Madison 608-264-7624

Plumbing Plan Reviewers

Ryan Boebel Madison 608-261-6535
Herman Delfosse La Crosse 608-789-5535
Tom Devereaux Hayward 715-634-3026
Wes Grube Green Bay 920-492-5613
Dan Kraft Madison 608-266-8075
Ken Pertzborn Madison 608-267-2242
Robert Samuels Waukesha 414-548-8634
Curt Wendorff Shawano 715-526-9056

The *WBCR* is a monthly publication of the Safety and Buildings Division, Wisconsin Department of Commerce. It is delivered to about 4300 frequent plan submitters, inspectors, fire chiefs, and fire sprinkler credential holders. Subscriptions are also available (see page 2). The publication provides information on fire safety, building-related codes, and licensing topics.

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Electrical Consultants

Monte Ewing Madison 608-266-3064
Tom Garvey Milwaukee 414-747-0256
Raymond Weber Wis. Rapids 715-421-2610
Dan Graham, Superv. Madison 608-264-7624

Commercial Building Inspectors

Leonard Alexander Reedsburg 608-524-3374
John Anderson Clintonville 715-823-2014
David Bibeau Antigo 715-627-7329
Teresa Black Hayward 715-634-8114
Nicholas Charles Chippewa Falls 715-726-2541
John Dahl Menomonie 715-232-6600
Jane Drager Combined Locks 920-788-4616
Steven Gothard Cottage Grove 608-839-9835
Emil Jensen Green Bay 920-822-2915
Chris Luster Prairie du Chien 608-326-6779
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John Nygard Green Bay 920-434-7192
Peter Ochs Fond Du Lac 920-929-3167
Charlotte Martin Edgerton 608-884-4168
Lawrence Weede Lake Geneva 262-248-4922
Betty Wiese Milwaukee 414-228-6956
Mark Stevenson, Superv. Green Bay 920-492-5611

Commercial Building Plan Reviewers

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Tony Grzybowski 920-492-5609
Minh Tran 920-492-7730
Jack Wotruba 920-492-6500

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(Nizam) S. Nizamuddin 608-267-0768
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Donna Stilen 262-548-8609
Larry Stilen 262-548-8607